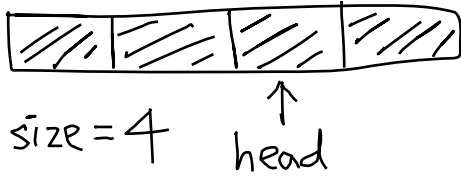
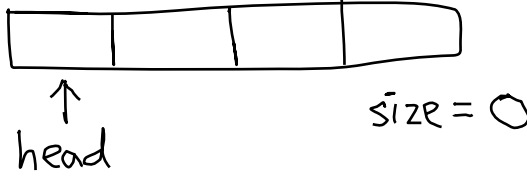


add two items to the queue



FULL

remove two items



EMPTY

$$\text{tail} = (\text{head} + \text{size}) \bmod \text{capacity}$$